

CH 6/24/03  
CH 6/24/03  
CH 4/24/03

~~LEADSCREW ASSEMBLY WITH A WIRE-WOUND LEADSCREW  
AND A SPRING PIN ENGAGEMENT OF A DRIVE NUT  
TO THE LEADSCREW~~

ABSTRACT OF THE DISCLOSURE

- 5 A leadscrew assembly includes a leadscrew having an elongated shaft with an outer lateral surface and a rotational axis, and a leadscrew thread formed of a thread wire helically wrapped in spaced-apart turns upon the lateral surface and affixed to the elongated shaft. A hollow drive nut housing includes a nut bore having an unthreaded inner surface. The leadscrew is inserted through the nut
- 10 bore. The nut bore is sized such that the leadscrew may rotate therein about the rotational axis. A spring pin is affixed to the drive nut housing and spans across the nut bore to engage the leadscrew thread.

10084704-0230